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(54) **Title:** RULES FOR EFFICIENT LIGHT SOURCES USING PHOSPHOR CONVERTED LEDS

(57) **Abstract:** An LED lamp including an LED and one or more phosphors, wherein for each phosphor, a figure of merit (FOM) defined as the product of (incident LED flux) x (excitation cross-section of the phosphor) x (phosphor material decay time) is less than 0.3. Such an arrangement provides a light emitting device with improved lumen output and color stability over a range of drive currents.



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